


Membership Publications/Services Standards Conferences Careers/Jobs

**IEEE Xplore™** RELEASE 1.6

Welcome  
**United States Patent and Trademark Office**

Help FAQ Quick Links 

Terms IEEE Peer Review

» Search Result

## Welcome to IEEE Xplore

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

## Tables of Contents


- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

## Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

## Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account

 Print Format

Your search matched **16** of **798921** documents.  
Results are shown **25** to a page, sorted by **publication year** in **descending**  
You may refine your search by editing the current search expression or enteri  
the text box.

Then click **Search Again**.

((recording medium)and (thickness))

Search Again

**Results:**

Journal or Magazine = **JNL** Conference = **CNF** Standard = **STD**

**1 Micromagnetic modeling of soft underlayer magnetization processes and fields in perpendicular magnetic recording**

*Schabes, M.E.; Lengsfeld, B.; Schrefl, T.*

Magnetics, IEEE Transactions on , Volume: 38 Issue:

4 Part: 1 , July 2002

Page(s): 1670 -1675

[\[Abstract\]](#) [\[PDF Full-Text \(316 KB\)\]](#) **JNL**

**2 High-coercivity longitudinal recording medium prepared using non-heating process**

*Ohmori, H.; Itoh, A.; Maesaka, A.; Okabe, A.*

Magnetics, IEEE Transactions on , Volume: 37 Issue:

4 Part: 1 , July 2001

Page(s): 1488 -1490

[\[Abstract\]](#) [\[PDF Full-Text \(83 KB\)\]](#) **JNL**

### **3 Micromagnetic understanding of antiferromagnetically coupled media**

*Lieping Zhon; Giusti, J.; Fernandez-de-Castro, J.*

Magnetics, IEEE Transactions on , Volume: 37 Issue:

4 Part: 1 , July 2001

Page(s): 1435 -1437

[\[Abstract\]](#) [\[PDF Full-Text \(50 KB\)\]](#) **JNL**

---

### **4 Influences of carbon on friction and wear of CoCrPt-C nanogranular thin film**

*Jun Zhang; Yingfan Xu; Shiaukee Chow; Jianping Wang*

Magnetics, IEEE Transactions on , Volume: 36 Issue:

5 Part: 1 , Sept 2000

Page(s): 2705 -2707

[\[Abstract\]](#) [\[PDF Full-Text \(56 KB\)\]](#) **JNL**

---

### **5 Rapidly annealed hexagonal ferrite thin films for recording medium**

*Morisako, A.; Kubono, T.; Matsumoto, M.; Naoe, M.*

Magnetics, IEEE Transactions on , Volume: 36 Issue:

5 Part: 1 , Sept 2000

Page(s): 2339 -2341

[\[Abstract\]](#) [\[PDF Full-Text \(136 KB\)\]](#) **JNL**

---

### **6 Microstructure and thermal stability of advanced longitudinal media**

*Doerner, M.F.; Kai Tang; Arnoldussen, T.; Hao Zeng; Toney, M.F.; Weller, D.*

Magnetics, IEEE Transactions on , Volume: 36 Issue:

1 Part: 1 , Jan. 2000

Page(s): 43 -47

[\[Abstract\]](#) [\[PDF Full-Text \(88 KB\)\]](#) **JNL**

---

**7 Composite perpendicular recording medium consisting of CoCrPt with large H/sub k/spl perp// and CoCr with positive inter-particle interaction**

*Sonobe, Y.; Ikeda, Y.; Tagashira, Y.*

Magnetics, IEEE Transactions on , Volume: 35 Issue:

5 Part: 1 , Sept. 1999

Page(s): 2769 -2771

[\[Abstract\]](#) [\[PDF Full-Text \(280 KB\)\]](#) **JNL**

---

**8 Effect of carbon underlayer thickness on read/write characteristics of perpendicular magnetic recording medium**

*Onoue, T.; Takizawa, A.; Asahi, T.; Oaska, T.; Sakai, H.*

Magnetics Conference, 1999. Digest of INTERMAG

99. 1999 IEEE International , 1999

Page(s): AT01 -AT01

[\[Abstract\]](#) [\[PDF Full-Text \(84 KB\)\]](#) **CNF**

---

**9 Low concentration magnetic media tester**

*Chamberlain, F.R.; Jeffers, F.J.; Smith, N.; James, R.O.*

Magnetics, IEEE Transactions on , Volume: 33 Issue:

5 Part: 2 , Sept. 1997

Page(s): 4014 -4016

[\[Abstract\]](#) [\[PDF Full-Text \(276 KB\)\]](#) **JNL**

---

**10 Digital diffractive optical memories**

*Ramenah, H.; Bertrand, P.; Soubari, E.H.; Meyrueis, P.*

Electronics, Circuits, and Systems, 1996. ICECS '96., Proceedings of the Third IEEE International Conference on , Volume: 1 , 1996

Page(s): 570 -573 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(332 KB\)\]](#) **CNF**

---

**11 Magnetic force microscope (MFM) imaging with electrodeposited tips**

*Sueoka, K.; Inagami, K.; Imamura, T.; Tatebe, K.; Mukasa, K.*

Instrumentation and Measurement Technology Conference, 1994. IMTC/94. Conference Proceedings. 10th Anniversary. Advanced Technologies in I & M., 1994 IEEE , 1994

Page(s): 1419 -1422 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(312 KB\)\]](#) **CNF**

---

**12 Effect of magnetic saturation on reproducing characteristics of magnetoresistive heads**

*Fukuoka, H.; Fukui, H.; Aihara, M.; Takano, H.; Suzuki, M.*

Magnetics, IEEE Transactions on , Volume: 30 Issue: 4 Part: 2 , July 1994

Page(s): 1345 -1349

[\[Abstract\]](#) [\[PDF Full-Text \(400 KB\)\]](#) **JNL**

---

**13 Noise properties of multilayered Co-alloy magnetic recording media**

*Murdock, E.S.; Natarajan, B.R.; Walmsley, R.G.*

Magnetics, IEEE Transactions on , Volume: 26 Issue:

5 , Sept. 1990  
Page(s): 2700 -2705

[\[Abstract\]](#) [\[PDF Full-Text \(560 KB\)\]](#) [JNL](#)

---

**14 Magnetoelastic properties of very thin Co-alloy films**

*Mauri, D.; Speriosu, V.S.; Yogi, T.; Castillo, G.; Peterson, D.T.*

Magnetics, IEEE Transactions on , Volume: 26 Issue: 5 , Sept. 1990  
Page(s): 1584 -1586

[\[Abstract\]](#) [\[PDF Full-Text \(264 KB\)\]](#) [JNL](#)

---

**15 Magnetic properties of Fe/Ti multilayered films for a magnetic recording medium**

*Ono, S.; Nitta, M.; Naoe, M.*

Magnetics, IEEE Transactions on , Volume: 25 Issue: 5 , Sept. 1989  
Page(s): 3872 -3874

[\[Abstract\]](#) [\[PDF Full-Text \(200 KB\)\]](#) [JNL](#)

---

**16 An influence of the main pole magnetic characteristics and thickness on the write/read performance of the single pole type (SPT) head**

*Zuo Chang-An; Zheng Yang*

Magnetics, IEEE Transactions on , Volume: 25 Issue: 5 , Sept. 1989  
Page(s): 3677 -3679

[\[Abstract\]](#) [\[PDF Full-Text \(192 KB\)\]](#) [JNL](#)

---

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) |  
[Advanced Search](#)  
[Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical](#)  
[Support](#) | [Email Alerting](#)  
[No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2002 IEEE — All rights reserved

Your search matched **4** of **799001** documents.

Results are shown **25** to a page, sorted by **publication year** in **descending**

You may refine your search by editing the current search expression or enter it in the text box.

Then click **Search Again**.

((recording medium)and (height))

[Search Again](#)

#### Results:

Journal or Magazine = **JNL** Conference = **CNF** Standard = **STD**

### 1 Quantitative MFM study of the global and local magnetic roughness of the DC-demagnetized state of thin film media

*Xing Song; Qixu Chen; Leu, C.; Ranjan, R.*

Magnetics, IEEE Transactions on , Volume: 34 Issue:

4 Part: 1 , July 1998

Page(s): 1549 -1551

[\[Abstract\]](#) [\[PDF Full-Text \(336 KB\)\]](#) **JNL**

### 2 The magnetic recording channel: noise, distortion and overwrite

*Baugh, R.A.; Chiu, R.-F.; Hart, D.L.*

Communications, 1989. ICC '89, BOSTONICC/89.

Conference record. 'World Prosperity Through Communications', IEEE International Conference on , 1989

Page(s): 1613 -1617 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(336 KB\)\]](#) **CNF**

---

**3 Detection of the magnetization reversal of individual interacting single-domain particles within Co-Cr columnar thin-films**

*Webb, B.C.; Schultz, S.*

Magnetics, IEEE Transactions on , Volume: 24 Issue: 6 , Nov. 1988

Page(s): 3006 -3008

[\[Abstract\]](#) [\[PDF Full-Text \(280 KB\)\]](#) **JNL**

---

**4 In situ measurement of the remanence curve of magnetic recording media**

*Hoinville, J.R.; Ornes, R.; Murdock, E.S.; Muller, M.W.*

Magnetics, IEEE Transactions on , Volume: 24 Issue: 6 , Nov. 1988

Page(s): 2976 -2978

[\[Abstract\]](#) [\[PDF Full-Text \(260 KB\)\]](#) **JNL**

---

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#)

[Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#)

[No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2002 IEEE — All rights reserved



- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

- ☐ By Author
- ☐ Basic
- ☐ Advanced

- ☐ Join IEEE
- ☐ Establish IEEE Web Account

Your search matched **7** of **799001** documents.

Results are shown **25** to a page, sorted by **publication year** in **descending**

You may refine your search by editing the current search expression or enter it in the text box.

Then click **Search Again**.

((soft magnetic layer)and (thickness))

**Search Again**

### Results:

Journal or Magazine = **JNL** Conference = **CNF** Standard = **STD**

## 1 **Magnetic properties of FeCoV film sandwiched by thin soft-magnetic films**

*Nozawa, T.; Nouchi, N.; Morimoto, F.*

Magnetics, IEEE Transactions on , Volume: 37 Issue:

4 Part: 2 , July 2001

Page(s): 3033 -3038

[\[Abstract\]](#) [\[PDF Full-Text \(128 KB\)\]](#) **JNL**

## 2 **Effect of exchange coupling of polycrystalline antiferromagnetic layers on the magnetization behavior of soft magnetic layers**

*Fujiwara, H.; Hou, C.; Sun, M.; Cho, H.S.; Nishioka, K.*

Magnetics, IEEE Transactions on , Volume: 35 Issue:

5 Part: 1 , Sept. 1999

Page(s): 3082 -3087

[\[Abstract\]](#) [\[PDF Full-Text \(632 KB\)\]](#) **JNL**

---

**3 Effective permeability of soft magnetic layers adjacent to recorded media**

*Monson, J.E.; Coughlin, T.M.*

Magnetics, IEEE Transactions on , Volume: 35 Issue: 5 Part: 1 , Sept. 1999  
Page(s): 2700 -2702

[\[Abstract\]](#) [\[PDF Full-Text \(284 KB\)\]](#) **JNL**

---

**4 Read/write simulation of keepered medium/spl middot/thin film head system**

*Takanosu, S.; Matsuo, A.; Inutake, R.; Fujiwara, N.; Shinagawa, K.*

Magnetics, IEEE Transactions on , Volume: 35 Issue: 5 Part: 1 , Sept. 1999  
Page(s): 2232 -2234

[\[Abstract\]](#) [\[PDF Full-Text \(252 KB\)\]](#) **JNL**

---

**5 Giant magnetostrictive multilayers for thin film actuators**

*Quandt, E.; Ludwig, A.; Seemann, K.*

Solid State Sensors and Actuators, 1997.  
TRANSDUCERS '97 Chicago., 1997 International Conference on , Volume: 2 , 1997  
Page(s): 1089 -1092 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(384 KB\)\]](#) **CNF**

---

**6 Thermal effect on the coercivity of ultrathin NiFe films**

*Hou, C.; Fujiwara, H.; Klemmer, T.J.; Metzger, R.M.; Doyle, W.D.*

Magnetics, IEEE Transactions on , Volume: 33 Issue:  
5 Part: 2 , Sept. 1997  
Page(s): 3625 -3627

[\[Abstract\]](#) [\[PDF Full-Text \(236 KB\)\]](#) **JNL**

---

**7 Two-layer wave absorber composed of  
soft-magnetic and ferroelectric substances**

*Miyata, Y.; Matsumoto, M.*

Magnetics, IEEE Transactions on , Volume: 33 Issue:  
5 Part: 1 , Sept. 1997  
Page(s): 3427 -3429

[\[Abstract\]](#) [\[PDF Full-Text \(252 KB\)\]](#) **JNL**

---

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) |  
[Advanced Search](#)  
[Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical](#)  
[Support](#) | [Email Alerting](#)  
[No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2002 IEEE — All rights reserved